

ONLINE OUTPUT MULTIPLEXER FILTER MEASUREMENT**ABSTRACT OF THE DISCLOSURE**

A method, apparatus, and system provide the ability to conduct an on-line measurement of an output multiplexer (OMUX) transfer function. A broadcast downlink signal is received from a satellite. The broadcast downlink signal is demodulated and then remodulated. The received broadcast downlink signal is then compared to the remodulated signal to estimate the OMUX transfer function of the satellite.

"Express Mail" mailing label number EV329955342US
Date of Deposit OCTOBER 24, 2003
I hereby certify that this paper or fee is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR 1.10 on the date indicated above and is addressed to:
Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.
SUZIE MACLEAVE

(printed name)
[Signature]

(signature)